

SPECIFICATIONS

COMMENTARY

1.3.3 Ductility

Delete the 4th paragraph, and modify the 5th paragraph as follows:

For the strength limit state:

~~$\eta_D \geq 1.05$ for nonductile components and connections~~

~~$= 1.00$ for conventional designs and details complying with these Specifications~~

~~≥ 0.95 for components and connections for which additional ductility enhancing measures have been specified beyond those required by these Specifications~~

For all other limit states, $\eta_D = 1.0$.

C1.3.3

The following shall be added after the last paragraph.

This factor is not being used until its application is better defined and demonstrated in design examples.

1.3.4 Redundancy

Delete the 4th paragraph, and modify the 5th paragraph as follows:

For the strength limit state:

~~$\eta_r \geq 1.05$ for important bridges~~

~~$= 1.00$ for typical bridges~~

~~≥ 0.95 for relatively less important bridges.~~

For all other limit states:

$\eta_r = 1.00$

C1.3.4

The following shall be added after the last paragraph.

This factor is not being used until its application is better defined and demonstrated in design examples.

1.3.5 Operational Importance

Delete the 3rd paragraph, and modify the 4th paragraph as follows:

For the strength limit state:

~~$\eta_r \geq 1.05$ for important bridges~~

~~$= 1.00$ for typical bridges~~

~~≥ 0.95 for relatively less important bridges.~~

For all other limit states:

$\eta_r = 1.00$

C1.3.5

The following shall be added after the last paragraph.

This factor is not being used until its application is better defined and demonstrated in design examples.

Preface:

1. The CA Department of Transportation Standard Specifications supercedes the *AASHTO LRFD Manual for Bridge Construction*. However, the AASHTO document is recommended for reference.
2. The CA Department of Transportation Seismic Design Criteria, latest version, supercedes provisions for seismic design, analysis, and detailing of bridges within the *AASHTO LRFD Bridge Design Specifications*. The AASHTO document shall be adhered to when the California document and/or the Contract Documents are silent.

Signed,

Dep. Div. Chief
Engr. Services
Office of Str. Design